

Sac Metro Fire District

Plan Submittal Requirements for Civil Plans

I Purpose

To advise architects, engineers and contractors what minimum information is required for plan approval.

II Scope

The following requirements shall apply to civil plans for all new buildings, tenant improvements, and building addition plans submitted to Sac Metro Fire District.

III References

FPS is in reference to Sac Metro *Fire Prevention Standards*, which are locally adopted requirements. Copies of FPS's are available upon request.

CBC and CFC are in reference to the 1998 California Building Code and 1998 California Fire Code.

III General

- A. Plans will not be accepted for review until the plan review fee is paid in full. Fees include the initial review and one resubmittal. Additional resubmittals necessary for approval require additional fees.
- B. The District's plan review turn around time is approximately 30 working days.
- C. Plans may be "expedited" for an additional fee. Expedited plans are guaranteed a 10 working day turn around time. Please see FPS 441.106 for information and requirements for expedited plans.
- D. All plans shall be stamped by a licensed civil engineer.
- E. A minimum of two complete sets of plans shall be submitted each time plans are submitted or resubmitted.
- F. Foundation permits only may be issued upon approval of civil plans.
- G. A separate submittal shall be provided by the underground fire service installing contractor. This submittal shall include the manufacturer's specification sheets for all pipe, fittings, and appurtenances as well as the appropriate plan review fee.
- H. Civil sheets shall be stamped with the following notes:
 - 1. "Not Approved for Private Underground Fire Service Installation"
 - 2. "A separate plan submittal is required from the installing contractor. See the Sacramento Metropolitan Fire District Notes"

- I Attached FPS 441.1051, *Civil Drawing Notes – Commercial*, shall be copied onto plans in its entirety. Fire flow information in section #1 shall be filled in with the applicable information.
- J. A letter from the local water purveyor stating that the required fire flow can be met shall be provided. Water flow tests shall not be more than 6 months old.

IV Title Sheet shall include the following information:

- a. Address of project location
- b. Name, address, phone number of engineer of record
- c. Location map showing the location of the project site in relation to major streets
- d. Sheet index
- e. Building analysis with the following info:
 - 1. Occupancy of building If building houses more than one occupancy type, list each type.
 - 2. Construction type
 - 3. Square feet
 - 4. Indicate whether or not the building has fire sprinklers.
 - 4. List of applicable codes and the edition.

V Utilities Sheets shall include the following:

- A. Location of fire access lanes indicated by shading or cross hatching the entire length and width of the lane.
- B. All turns in fire lanes shall have the radii labeled and to scale. Minimum turning radii are 58 feet outside and 38 feet inside.
- C. Note indicating that fire lanes shall be a minimum of 20 feet clear width and 13 ½ feet clear height. (unless parking on one or both sides mandates a wider lane – in that case the wider width shall be specified on the plans) CFC 902.2.2.1
- D. Indicate how fire lanes will be delineated – posting of signs or painted curbs. (See FPS 444.302 for fire lane marking details)
- E. Dimension lines showing that all exterior portions of the building are within 150 foot hose reach of a fire lane. This dimension shall be shown along an approved route suitable for firefighter access (not over walls, fences, planters, signs, etc)
- F. Location of all new and existing fire hydrants.
- G. For existing hydrants, the number and diameter of each discharge shall be noted on plans. (I.E. “Existing hydrant has a single 2 ½”: discharge” or “Existing hydrant is a wharf hydrant.”
- H. Location and diameter of all underground mains.
- I. Location of the point of connection of new and existing underground mains.

- J. Diameter of the public main(s) supplying the new main.
- K. Location of all control valves, backflow preventers, and reduced pressure devices.

VI Resubmittals

- A. All changes shall be clouded and indicated with a delta that has a corresponding revision number and date.
- B. Plan review comments shall be addressed in the column on the plan review letter or in a separate letter specifically addressing plan review comments.
- C. Indicate how the plan review comment was addressed and on what sheet the change or correction was made.
- D. All plan review comments must be addressed in order for plans to be approved. If there are any questions regarding code interpretation or the applicability of the code section cited, contact the District plan reviewer to discuss the issue prior to resubmittal.